

EUROPEAN PATENT OFFICE

Pat nt Abstracts of Japan

PUBLICATION NUMBER : 11133022
PUBLICATION DATE : 21-05-99

APPLICATION DATE : 31-10-97
APPLICATION NUMBER : 09300714

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INT.CL. : G01N 33/493 G01N 33/483 G01N 33/66 G01N 33/68

TITLE : METHOD FOR MEASURING CONCENTRATION OF SPECIFIC COMPONENT

ABSTRACT : PROBLEM TO BE SOLVED: To provide a measuring method capable of measuring the concentration of specific components of a liquid sample, specially the protein value and sugar value in urine, without using any consumables.

SOLUTION: After a liquid sample containing proteins is heated and clouded or while the sample is being heated, light is projected at the sample, and from the intensity of light transmitted through the sample or the intensity of light scattered by the sample, the concentration of proteins is determined. In a urine test, by measuring the angle of rotation of urine before being clouded and further measuring the intensity of transmitted light through the clouded urine or the intensity of the scattered light, the urine sugar value and the urine protein value are obtained.

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